

63 kV Power Cable , Copper Conductor , XLPE Insulated Aluminum Tape Armor,PVC Sheathed According To IEC 60840

Size of Cable	XLPE Insulation Thickness	Screen	Conductor Diameter	Aluminum Tape Thickness (Armor)	Overall Diameter
mm ²	mm	mm ²	mm	mm	mm
1x95	13	16	11.6	0.5	56
1x120	12	16	13	0.5	57
1x150	12	25	14.6	0.5	58
1x185	11.5	25	16	0.5	59
1x240	11.5	25	18.4	0.5	62
1x300	11	25	20.6	0.5	64
1x400	10.5	35	23.8	0.5	67
1x500	10.5	50	26.6	0.5	71
1x630	10.5	50	30	0.5	76
1x800	10.5	50	35	0.5	79
1x1000	10.5	50	40	0.8	84



Size of Cable	Approx. weight	Min. Bending Radius	Current Rating in Ground	Current Rating In Air	Conductor Resistance	Inductance	Capacitance
			⊙⊙⊙	⊙ ⊙ ⊙	DC 20 ⁰ C	⊙ ⊙ ⊙	
mm ²	Kg/km	mm	A	A	Ω/km	mH/km	μF/km
1x95	3900	840	326	366	0.193	0.51	0.11
1x120	4286	855	368	415	0.153	0.45	0.13
1x150	4570	870	410	464	0.124	0.44	0.14
1x185	5040	885	461	524	0.0991	0.42	0.15
1x240	5520	930	530	606	0.0754	0.40	0.17
1x300	6254	960	599	693	0.0601	0.38	0.19
1x400	7450	1005	683	802	0.047	0.37	0.21
1x500	8576	1065	780	929	0.0366	0.36	0.23
1x630	10036	1140	886	1066	0.0283	0.34	0.26
1x800	11890	1185	997	1210	0.0221	0.32	0.29
1x1000	14200	1260	1173	1473	0.0176	0.31	0.31

132kV Power Cables N2XSYBY According To IEC 60840

Size of Cable	XLPE Insulation Thickness	Copper Screen	Conductor Diameter	Aluminum Tape Thickness (Armor)
mm ²	mm	mm ²	mm	mm
1x240	20	50	18.4	0.5
1x300	20	50	20.5	0.5
1x400	19	50	23.3	0.8
1x500	18.5	50	26.5	0.8
1x630	18	50	30.8	0.8
1x800	18	50	35	0.8
1x1000	18	50	40	0.8



Size of Cable	PVC Outer Sheath	Overall Diameter	Approx Weight	Min. Bending Radius	Current Rating in Ground		Current Rating in Air	Conductor Resistance	Inductance	Capacitance
								DC 20°C		
mm ²	mm	mm	Kg/km	mm	A	A	A	Ω/km	mH/km	μF/km
1x240	4	82	7550	1230	492	525	673	0.0754	0.417	0.12
1x300	4	85	8700	1275	555	593	774	0.0601	0.459	0.13
1x400	4	88	9900	1320	632	675	896	0.0470	0.437	0.14
1x500	4	92	11100	1380	716	767	1033	0.0366	0.421	0.16
1x630	4	94	12650	1410	811	872	1200	0.0283	0.402	0.18
1x800	4	98	14600	1470	932	979	1374	0.0221	0.386	0.19
1x1000	4	102	16900	1530	1087	1145	1649	0.0176	0.3	0.21

Cable Construction: Circular compacted copper conductor, conductor screen of semi conducting compound, cross-linked polyethylene (XLPE) insulation, screen of semi conducting compound Plus semi conducting tape, screen of copper wires and copper tape applied helically, heat resistant & moisture barrier polyester tape, PVC bedding, armor of double aluminum tape, Bituminized paper tape, PVC outer sheath.

Application : In ground, outdoors, indoors & in cable ducts.